

Foaming Alcohol-based Hand Sanitizer <Pump> AEF-58

Foam-type alcohol-based hand sanitizer containing CAE as an anti-bacterial material. By adding CAE, the good foamability can be achieved even with a small amount of foaming agent.

	Trade name	INCI Name	wt %	Function
A	CAE	PCA Ehyl Cocoyl Arginate	0.2	Anti-bacterial, Co-surfactant
B	Ethanol (99.5%)	Ethanol	78.0	Anti-bacterial
	Glycerin	Glycerin	1.0	Humectant
	DOWSIL ES-5612 *1	PEG-10 Dimethicone	1.3	Foaming Agent
	Water	Water	Balance	
C	Phosphoric Acid (10%) *2	Phosphoric Acid, Water	1.3	pH Modifier
Total			100.0	

*1 Dow chemical, *2 The level of phosphoric acid is a rough guide

<PROCEDURE>

1. Mix part B at room temperature with stirring until uniform.
2. Add part A to part B at room temperature.
3. Add part C to adjust pH5.0, resulting in the final formulation.

<PHYSICAL PROPERTIES and STABILITY>

Appearance: Liquid, Transparent

pH: 5.0

Viscosity: -

Stability: -5°C, 0°C, 25°C, 2 Months

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